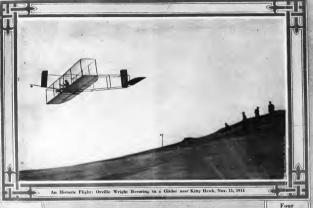
JANUARY 23, 1922

Issued Weekly

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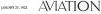
VOLUME XII Number 4

SPECIAL FEATURES

THE U. S. AIR MAIL SERVICE NEW GOODYEAR MILITARY AIRSHIP AERIAL SURVEY OF THE MISSISSIPPI DELTA CANADIAN TECHNICAL MEMORANDA

> THE CARDNER, MOFFAT CO., INC. HIGHLAND, N. Y.

225 FOURTH AVENUE, NEW YORK as Second-Class Matter, Nov. 22, 1920, at the Post Office at Highland, N. Y. Dollars



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INDEX TO CONTENTS Marshal First at Ellington Field tom Club of Missannolis Hamilton High-Laft Wang 500 Type D Arming at Boss Field 116 Tests of Fielsiam Gear

VOL XII NO 4

Naval Acr News . 133 B. Boldfa Josia Astronariae THE GARDNER, MOFFAT COMPANY, Inc., Publishers HIGHLAND, N. Y.

Subscription price: Four deliars per year Single segue. Insued every Monday. Forms close ten days previously Interreption print From Schurz yer year Angle aspect. Indeed they Minday. From come in many presenta-fficient center Canada, for deliters. Fromps, set delaws. Entered or second-clean modern Nov. 32, 1220, on the a year. Copyright 2012, by the Gardiner, Mafint Com.—Post Office at Highland, N. E., under and of March.

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AEROMARINE PLANE & MOTOR CO. Factory - KEYPORT, NEW JERSEY. Executive Offices - TIMES BLDG., N. Y.

Ability and Power

In the whole world of airplanes there is nothing more able looking than the Glenn L. Martin Bomber.

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THE CLENN I MARTIN COMPANY

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A Contravenial Operation

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The United States Air Mail Service*

Brief History Shows Air Mail Pilots Carried Since Regioning of Service 100,000,000 Letters over an Arcrerate Distance of 3,400,000 Miles By Cal. E. H. Shaughneuv

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nemed phase of the transportation problem. There is, with-In describer the Asy Mail Service, please understand that

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Acces: 23, 1922



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New Goodyear Military Airship

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Propellers Driven by two 135 hp. Aeromarine Model U6D Engines

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1000 Havenered Pieter Boar Co., Baltimore

Aerial Survey of the Mississippi Delta One of the Bierest Undertakines of Civil Aerial

Photography Recently Brought to Successful Conclusion By S. R. Winters

From at an altitude of 5,000 ft, expling over the wild-case water objects at a height of 5,500 ft, amorales often days near time with the arried photographer. This observed of area photography as a peace-time realize. The set of se



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New Theory of the Slotted Wing

AMERICA PRINCIPLES CHILDREN By Harris Booth.

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Technical Branch of Canadian Air Board Issues Memoranda Covering Many Questions Arising in Aircraft Maintenance Marrier glar wint, however, he used for ettacking falors

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Committees of the Aero Club of America Roster of Aero Club of America Committees Serving for the Fiscal Year November 1921 - November 1922

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August 17, 2003

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January 23, 1800

Atlante Flort Air Force

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Roland Roblfs Joins Aeromarine

Coming Aeronautical Events

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Foreign News

Arcentine

Another indication of the success which is attending the efforts of Colonel Mosconi, Chief of Argentine Army Aviation. and of the Argentine Patriotic League and the Aero Club of Argentina in arousing enthusiasm in aviation matters, is the presentation of a Bristol 300 hp. Hispano-Suiza to the military aviation school at El Palomar by the city of Avellaneda. There seems to be hnt little doubt that the precise and practieal plans of Colonel Mosconi for air rontes, landing places, military-civil air station, etc., and the calls on the provincial . governments and cities, and on wealthy citizens for cooperation, are bearing fruit.

Rarmuda

The Bermuda and West Atlantic Aviation Co., has proposed to the government of British Guiana to make a demonstration and survey for aerial transportation. The offer will probably be accepted.

France

The Compagnie Transaérienne de Tourisme et Messageries. is making overtnres to the Portuguese government for valuable concessions in Portngal and the islands and also in Portuguese Africa, American Minister Thomas H. Birch states that the company proposes a mail and passenger service for Lishon, Paris being the starting point. Free transportation of Portuguese mail and the relinquishment of air material to Portneral in case of war are some of the inducements offered by the

The air mail service, maintained with the assistance of the French government up the Maroni River, which is the houndary between French and Dutch Guiana, has been carried on with considerable difficulty, according to reports received from travelers. It is said that the engines are much affected by the moist climate, and that the variable depth of rivers renders a landing on their surface very dangerous, because of concealed rocks which are often hnt a few inches helow the surface of the water. This latter difficulty is intensified by the fact that the water is very often covered with mist, which prevents careful observation before landing.

The hiweekly air mail service between Stockholm and Reval. run hy the Svensko Lnfttrafik Aktiebolaget during the months of July, August and September, was suspended on Oct. 1, 1921. The American Minister, Ira N. Morris, at Stockholm, reports that from a technical point of view the service was very successful, but the infrequency of passengers made it a nonpaying enterprise.

The Postmaster General paid a snhsidy for the carrying of mail, hnt this was not large enough to cover even mere working expenses. Of twenty-one round trips promised nineteen were carried ont. The distance was covered in 2 hr. and 20 min., on an average, while the steamers take 24 hr. twenty-one passengers were carried altogether, and 800 kilos of mail were transported from Stockholm to Reval.

This service has shown that aerial transportation over the Baltic is not only practicable, but is likely to fill a real need when Russia again revives.

Switzerland

SHIP

The Swiss government has decided to increase the financial help that it is giving to civil aviation, and is prepared to assist in the establishment next year of a Swiss air mail line to connect with international services.

In an official statement issued by the Federal Air Office, it is explained that in 1920 the military authorities, realizing that a national civil aviation would he able to serve as a reserve for the numerically weak military air force, granted to aerial transport undertakings a subsidy of 200 francs a month for each service pilot employed. They also granted special facilties to these enterprises, and later increased the subsidy to 300 francs.

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